

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-244188
 (43)Date of publication of application : 29.08.2003

(51)Int.Cl.

H04L 12/56

(21)Application number : 2002-044866
 (22)Date of filing : 21.02.2002

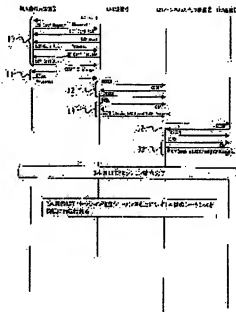
(71)Applicant : NIPPON TELEGR & TELEPH CORP <NTT>
 (72)Inventor : MATSUDA NORIYUKI
 FUSHIMI KOJI

(54) TUNNEL COMMUNICATION METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a tunnel communication method by which the number of performing PPP LCP authentication sequence between a subscriber terminal equipment which constructs an L2TP network and an LNS (L2TP network server) is reduced, in establishing a bulk communication by a multilink protocol of an L2TP (layer 2 tunneling protocol) session.

SOLUTION: In the L2TP network comprising the subscriber terminal equipment, an LAC (L2TP access concentrator) device, an L2TP tunnel switch device, and the LNS (L2TP network server) device, the L2TP tunnel switch device transmits parameters of a PPP LCP and a PPP authentication received from the LAC device by a proxy authentication/LCP (link control protocol) function to the LNS device by an AVP (attribute value pair) within a sequence signal of a session establishment protocol between the L2TP tunnel switch device and the LNS device, whereby the LNS device establishes the L2TP session between the subscriber terminal equipment and the LNS device.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]